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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/058,780	01/30/2002	Jun Yoshida	500.41130X00	4154
24956	7590	10/06/2005		
MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C. 1800 DIAGONAL ROAD SUITE 370 ALEXANDRIA, VA 22314				
			EXAMINER BULLOCK JR, LEWIS ALEXANDER	
			ART UNIT 2195	PAPER NUMBER

DATE MAILED: 10/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/058,780

Applicant(s)

YOSHIDA ET AL.

Examiner

Lewis A. Bullock, Jr.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE  $\frac{3}{4}$  MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 1/30/02 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.

- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## **DETAILED ACTION**

### ***Information Disclosure Statement***

1. The information disclosure statement filed 1/30/02 fails to comply with 37 CFR 1.98(a)(2), which requires a legible copy of each cited foreign patent document; each non-patent literature publication or that portion which caused it to be listed; and all other information or that portion which caused it to be listed. It has been placed in the application file, but the information referred to therein has not been considered. In particular, item 6 cannot be considered because the reference is in Japanese.

### ***Claim Rejections - 35 USC § 101***

2. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 1-10 and 13 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. Claims 1-10 all detail a method for transmitting and converting data between a first program and a second program. The method does not require use of hardware to accomplish the method and therefore is not tangible as proper under M.P.E.P. 2106. Claim 13 details a program having an adapter program that receives and converts data from a first program to a second program. As proper under M.P.E.P. 2106, programs that are not embedded on a tangible structure are not statutory. Therefore, claim 13 is non-statutory.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1, 2, 6, 7 and 11-13 are rejected under 35 U.S.C. 102(e) as being anticipated by YEE (U.S. Patent 6,738,975).

As to claim 1, YEE teaches a program control method comprising: an adapter execution program (source adapter / transformer) for receiving data outputted from particular transaction processing in a first program (enterprise applications) (col. 18, lines 5-8; col. 20, lines 12-20); referencing adapter call definition information (via a message definition associated with the source adapter / transformer) for calling an adapter component for use in common with a plurality of transactions to acquire an adapter component reference name (target adapter) and transaction identification information (secondary information / wherein the message includes a platform neutral format to move data from application to application) corresponding to the particular transaction processing (col. 20, lines 11-20; col. 18, line 62 – col. 19, line 9); converting the data (via the use of a message definition object / mapping definition object) into a data format for a predetermined interface defined by the adapter component (via the source adapter / transformer translating the message to a format used by the target

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adapter / transformer) to generate first converted data (col. 20, lines 7-20); initiating an adapter component program corresponding to the adapter component reference name and outputting the transaction identification information and the first converted data (via passing the message to the transformer or target adapter for processing the message to the second program) (col. 18, line 62 – col. 19, line 9; col. 20, lines 21-29; col. 23, lines 25-45); and

an adapter component program (target adapter / transformer) for receiving the transaction identification information and the first converted data (message) as inputs; referencing connector call definition information (message definition object) for calling a second program (target application) based on the transaction identification information to acquire a connector component reference name corresponding to the particular transaction processing (via using the data of the message definitions to determine how to process the message); converting the first converted data into a data format for a predetermined interface defined by the second program (via the target adapter converted the message into a format used by the target application) to generate second converted data; initiating the second program corresponding to the connector component reference name and outputting the second converted data (via passing the message to the target application by the transformer or target adapter for processing the message) (col. 18, line 62 – col. 19, line 9; col. 20, lines 21-29; col. 23, lines 25-45).

As to claim 2, refer to claim 1 for rejection.

As to claims 6, refer to claim 1 for rejection.

As to claims 7, refer to claim 6, e.g. claim 1, for rejection.

As to claim 11, reference is made to a system that corresponds to the method of claim 6 and is therefore met by the rejection of claim 6 above.

As to claim 12, reference is made to a computer readable medium that corresponds to the method of claim 6 and is therefore met by the rejection of claim 6 above.

As to claim 13, reference is made to program that corresponds to the method of claim 6 and is therefore met by the rejection of claim 6 above.

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 3-5 and 8-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over YEE (U.S. Patent 6,738,975).

As to claims 3-5, YEE teaches the system provides simple integration of leading ERP applications, custom/legacy applications, packaged applications and database (col. 11, lines 13-16; col. 14, lines 12-20) wherein the first program is a workflow engine; a hub and spoke system and the adapters are implemented in Java (col. 23, lines 35-45; col. 27, lines 48-58). However, YEE does not explicitly detail that the first program can also be a web application and that the second program is applied with a component based on a Connector component. It would be obvious to one skilled in the art at the time of the invention that the since the second program can communicate in Java language and has a target adapter or transformer that passes it messages that the second program is applied with a component based on a Java component modal.

As to claims 8-10, refer to claims 3-5 for rejection.

### ***Conclusion***


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lewis A. Bullock, Jr. whose telephone number is (571) 272-3759. The examiner can normally be reached on Monday-Friday, 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

September 30, 2005



LEWIS A. BULLOCK, JR.  
PRIMARY EXAMINER